

Title (en)
DIALYSATE REGENERATING DEVICE

Title (de)
DIALYSATREGENERIERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE RÉGÉNÉRATION DE DIALYSAT

Publication
EP 3311861 A1 20180425 (EN)

Application
EP 17196583 A 20171016

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US 201662409544 P 20161018

Abstract (en)
Devices and methods for regenerating dialysate are disclosed. In certain aspects, the present disclosure provides a multi-stage dialysate regenerating device comprising a first stage having a filter membrane for filtering a dialysate solution into a first fluid flow and a second fluid flow and a second stage having an osmotic membrane for allowing transfer of solvent from one of the first or second fluid flow into the other. Multi-stage dialysate regenerating devices with at least one stage operating by forward-osmosis are also disclosed.

IPC 8 full level
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Citation (applicant)
K.J. KIM ET AL.: "A comparative study of techniques used for porous membrane characterization: pore characterization", JOURNAL OF MEMBRANE SCIENCE, vol. 87, 1994, pages 35 - 46, XP000492306, DOI: doi:10.1016/0376-7388(93)E0044-E

Citation (search report)
• [XP] WO 2016191728 A1 20161201 - COOK INC [US], et al
• [XAI] US 2009114595 A1 20090507 - WALLENAS ANDERS [SE], et al
• [XAI] US 2010234795 A1 20100916 - WALLENAES ANDERS [SE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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